

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An auto-calibration label comprising:
first encoded calibration information corresponding to a first sensor, wherein the first information is ~~adapted to be utilized~~ configured to be used by a first instrument to auto-calibrate, whereby the first instrument is calibrated for the first sensor; and
first additional encoded calibration information corresponding to a second sensor, wherein the additional information is distinct from the first information and is ~~adapted to be utilized~~ configured to be used by a second instrument different from the first instrument to auto-calibrate, whereby the second instrument is calibrated for the second sensor.
2. (Currently Amended) The label of claim 1, comprising second encoded calibration information corresponding to the second sensor, wherein the second information corresponding to the second sensor is ~~adapted to be utilized~~ configured to be use by the first instrument to auto-calibrate such that the first instrument is calibrated for the second sensor and the second information corresponding to the second sensor is at least equivalent to the first information corresponding to the first sensor.
3. (Original) The label of claim 2, wherein the first information corresponding to the first sensor is the same as the second information corresponding to the second sensor and the second information is distinct from the additional information.
4. (Original) The label of claim 1, wherein the first information corresponding to the first sensor also corresponds to the second sensor.
5. (Original) The label of claim 1, wherein the additional information overlays the first information.

6. (Currently Amended) The label of claim 5, wherein the additional information overlays the first information such that the first instrument is ~~capable of utilizing~~ configured to utilize the first information without ~~utilizing~~ using the additional information and the second instrument is ~~capable of utilizing~~ configured to utilize the additional information without ~~utilizing~~ using the first information.

7. (Currently Amended) The label of claim 5, further comprising an insulating layer located between the first information and the additional information.

8. (Currently Amended) The label of claim ~~[[7]]~~ 1, comprising:
a first conductive ink pattern defining the first information that is ~~adapted to be utilized~~ configured to be used by the first instrument; and
a second conductive ink pattern defining the additional information that is ~~adapted to be utilized~~ configured to be used by the second instrument.

9. (Original) The label of claim 8, wherein:
the first conductive ink pattern comprises one or more electrical contacts located to couple the first pattern with the first instrument when the label is positioned to be utilized by the first instrument; and
the second conductive ink pattern comprises one or more electrical contacts located to couple the second pattern with the second instrument when the label is positioned to be utilized by the second instrument.

10. (Currently Amended) The label of claim 9, ~~wherein the~~ further comprising an insulating layer ~~[[is]]~~ being located between the first conductive ink pattern and the second conductive ink pattern.

11. (Original) The label of claim 10, wherein the insulating layer comprises a dielectric.

12. (Currently Amended) The label of claim ~~[[8]]~~ 10, wherein:
the first conductive ink pattern comprises inner and outer rings; and
the second conductive ink pattern comprises inner and outer rings.

13. (Original) The label of claim 12, wherein the insulating layer is located between the ink patterns, and wherein the inner and outer rings of the first pattern are below the insulating layer and the outer ring of the second pattern is below the insulating layer.

14. (Currently Amended) An auto-calibration label ~~adapted~~ configured for use with a first instrument, a second instrument distinct from the first instrument and a sensor operable with both the first instrument and the second instrument, ~~wherein~~ the label comprising ~~comprises~~:

first instrument encoded calibration information corresponding to the sensor and ~~adapted to be utilized~~ configured to be used by the first instrument to auto-calibrate such that the first instrument is calibrated for use with the sensor; and

second instrument encoded calibration information corresponding to the sensor and ~~adapted to be utilized~~ configured to be used by the second instrument to auto-calibrate such that the second instrument is calibrated for use with the sensor,

wherein the second instrument encoded calibration information is distinct from the first instrument encoded calibration information.

15. (Original) The label of claim 14, comprising:
a first conductive ink pattern defining the first instrument encoded calibration information; and

a second conductive ink pattern defining the second instrument encoded calibration information.

16. (Original) The label of claim 15, wherein the first pattern is electronically isolated from the second pattern.

17. (Currently Amended) The label of claim 15, further comprising an insulating layer located between the first and the second pattern, wherein:

the first pattern comprises one or more electrical contacts located to couple the first pattern with the first instrument when the label is positioned to be used by the first instrument;

the second pattern comprises one or more electrical contacts located to couple the second pattern with the second instrument when the label is positioned to be used by the second instrument; and

the insulating layer is ~~adapted~~ configured to insulate the first pattern from the second pattern while allowing the electrical contacts of the first pattern to couple with the first instrument and allowing the electrical contacts of the second pattern to couple with the second instrument.

18. (Currently Amended) The label of claim 17, wherein:

the insulating layer and the first pattern are ~~adapted~~ configured to allow the first pattern to be utilized by the first instrument while preventing the second instrument from utilizing the first pattern; and

the insulating layer and the second pattern are ~~adapted~~ configured to allow the second pattern to be utilized by the second instrument while preventing the first instrument from utilizing the second pattern.

19. (Currently Amended) A sensor package adapted for use with a first instrument and a second instrument, the sensor package comprising:

one or more sensors operable with the first instrument and the second instrument; and an auto-calibration label comprising:

first instrument encoded calibration information corresponding to the one or more sensors ~~sensor~~ and ~~adapted to be utilized~~ configured to be used by the first instrument to auto-calibrate such that the first instrument is calibrated for use with the ~~sensor~~ one or more sensors, and

second instrument encoded calibration information corresponding to the ~~sensor~~ one or more sensors and ~~adapted to be utilized~~ configured to be used by the second instrument to auto-calibrate such that the second instrument is calibrated for use with the ~~sensor~~ one or more sensors, wherein

the second instrument encoded calibration information is distinct from the first instrument encoded calibration information.

20. (Original) The package of claim 19, comprising one or more blisters respectively containing the one or more sensors, wherein the blisters are arranged around the auto-calibration label.

21. (Original) The package of claim 19, wherein the auto-calibration label comprises an insulating layer between the first instrument encoded calibration information and the second encoded calibration information.

22. (Currently Amended) The package of claim 21, wherein the second instrument encoded calibration information and the first instrument encoded calibration information are layered with the insulating layer positioned therebetween ~~there between~~.

23. (Currently Amended) The package of claim 19, comprising:
a first conductive ink pattern defining the first instrument encoded calibration information and comprising one or more electrical contacts respectively associated with the one or more sensors and being located to couple the first conductive ink pattern with the first instrument without coupling the first ~~conduct~~ conductive ink pattern to the second instrument;
and

a second conductive ink pattern defining the second instrument ~~encode~~ encoded calibration information and comprising one or more electrical contacts respectively associated with the one or more sensors and being located to couple the second conductive ink pattern with the second instrument without coupling the second conductive ink pattern to the first instrument.

24. (Original) The package of claim 23, wherein the first conductive ink pattern is isolated from the second conductive ink pattern.

25. (Original) The package of claim 23, wherein the auto-calibration label comprises an insulating layer isolating the first conductive ink pattern from the second conductive ink pattern.

26. (Original) The package of claim 25, wherein the insulating layer comprises predetermined cut-outs to selectively allow coupling between the first conductive ink pattern and the first instrument while preventing coupling between the second conductive ink pattern and the first instrument.

27. (Cancelled)

28. (Currently Amended) A sensor package for use in a first instrument ~~adapted~~ configured to determine an analyte concentration in a sample and a second instrument ~~adapted~~ configured to determine an analyte concentration in the sample, the package comprising:

one or more sensors for receiving the sample and being operable with the first instrument and the second instrument; and

an auto-calibration label comprising:

first instrument encoded calibration information corresponding to the one or more sensors and ~~adapted to be utilized~~ configured to be used by the first instrument to auto-calibrate such that the first instrument is calibrated for use with the one or more sensors to enable the first instrument to determine an analyte concentration in the sample received by the one or more sensors, and

second instrument encoded calibration information corresponding to the one or more sensors and ~~adapted to be utilized~~ configured to be used by the second instrument to auto-calibrate such that the second ~~instrument~~ instrument is calibrated for use with the one or more sensors to enable the second instrument to determine an analyte concentration in the sample received by the one or more sensors,

wherein the second instrument encoded calibration information is separated from the first instrument encoded calibration information.

29. (Currently Amended) The package of claim 28, wherein the label further comprises an insulating layer between the first instrument information and the second instrument information.

30. (Original) The package of claim 29, wherein the label comprises:
a first conductive ink pattern defining the first instrument encoded calibration information; and
a second conductive ink pattern defining the second instrument encoded calibration information.

31. (Currently Amended) The package of claim 30, wherein the first ~~instrument~~ conductive ink pattern, the insulating layer, and the second ~~instrument~~ conductive ink pattern are layered.

32. (Original) The package of claim 28, wherein the one or more sensors are substantial identical.

33. (Currently Amended) A sensor package ~~adapted~~ configured for use with a plurality of predetermined instruments adapted to determine at least one of a plurality of predefined parameter values associated with a sample, the package comprising:

one or more sensors operable with the instruments to receive a sample;
a calibration information area;

first instrument encoded calibration information located in the area, ~~wherein~~ the information ~~[[is]] being adapted to be utilized~~ configured to be used by a first of the plurality of instruments to auto-calibrate such that the first instrument is calibrated for use with at least one of the one or more sensors to enable the first instrument to determine at least one of the predefined parameter values associated with a sample; and

second instrument encoded calibration information located in the area, ~~wherein~~ the information ~~[[is]] being adapted to be utilized~~ configured to be used by a second of the plurality of instruments to auto-calibrate such that the second instrument is calibrated for use with at least

one of the one or more sensors to enable the second instrument to determine at least one of the predefined parameter values associated with a sample.

34. (Original) The sensor package of claim 33, wherein:
the first instrument encoded calibration information is prevented from being utilized by the second instrument; and
the second instrument encoded calibration information is prevented from being utilized by the first instrument.

35. (Original) The sensor package of claim 34, wherein:
the first instrument encoded calibration information is prevented from coupling with the second instrument; and
the second instrument encoded calibration information is prevented from coupling with the first instrument.

36. (Original) The sensor package of claim 33, comprising:
a first conductive ink pattern defining the first instrument encoded information;
a second conductive ink pattern defining the second instrument encoded information.

37. (Original) The sensor package of claim 36, wherein each conductive ink pattern comprises one or more electrical contacts respectively associated with the one or more sensors and wherein the one or more electrical contacts of each pattern are arranged to couple with the instrument corresponding to the encoded information defined by the pattern.

38. (Currently Amended) The sensor package of claim 37, wherein the second instrument encoded calibration information and the first instrument encoded information carry similar calibration characteristic information.

39. (Original) The sensor package of claim 36, comprising an insulating layer between the first and second patterns, wherein the first and second patterns are layered.

40. (Currently Amended) An auto-calibration label comprising:
a first conductive ink pattern defining first encoded calibration information ~~adapted to be utilized~~ configured to be used by a first instrument to auto-calibrate the first instrument;
a second conductive ink pattern overlaying the first conductive ink pattern and defining second encoded calibration information ~~adapted to be utilized~~ configured to be used by the ~~first~~ second instrument to auto-calibrate the ~~first~~ second instrument; and
an insulating layer located between the first ink pattern and the second ink pattern.

41. (Cancelled)

42. (Currently Amended) A method of manufacturing an auto-calibration label, the method comprising the acts of:
printing a first conductive ink pattern layer comprising encoded calibration information on a substrate;
printing an insulating layer over the first conductive ink pattern so as to isolate the first conductive ink pattern; and
printing a second conductive ink pattern comprising encoded calibration information; ~~including printing over the first conductive ink pattern such that~~ the second conductive ink pattern ~~such that it is isolated from the first conductive ink pattern, the first instrument being~~ distinct from the second instrument.

43. (Original) The method of claim 42, comprising printing a portion of the second conductive ink pattern while printing the first conductive ink pattern.

44. (Currently Amended) A method of manufacturing a sensor package comprising the acts of:
supporting one or more sensors by a substrate;
applying to the substrate calibration information corresponding to the one or more sensors and a first instrument ~~adapted to utilize~~ configured to use the one or more sensors; and

applying to the substrate calibration information corresponding to the one or more sensors and a second instrument ~~adapted to utilize~~ configured to use the one or more sensors, the first instrument being distinct from the second instrument.

45. (Original) The method of claim 44, comprising applying the calibration information corresponding to the second instrument in an area of the substrate containing the calibration information corresponding to the first instrument.

46. (Original) The method of claim 44, comprising applying a label to the substrate wherein the label comprises the calibration information corresponding to the first and second instruments.

47. (Original) The method of claim 46, comprising positioning the label in a predefined area of the substrate.